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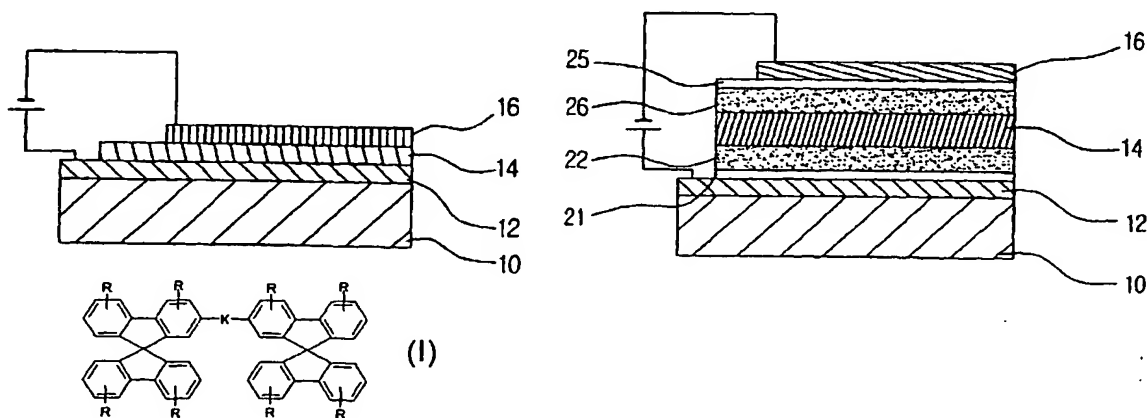
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- (71) Applicant (for all designated States except US):  
NEOVIEWKOLON CO., LTD. [KR/KR]; 557-6,  
Gunup-ri, Shilchon-myun, Kwangju-si, 464-871 Ky-  
onggi-do (KR).
- (72) Inventor; and  
(75) Inventor/Applicant (for US only): KIM, Jung-Soo  
[KR/KR]; Yeonwonmaeul Samhobyucksan Apt. 126-604,  
524-8, Mabuk-ri, Guseong-eup, Yongin-si, 449-912 Ky-  
onggi-do (KR).
- (74) Agent: LEE, Sang-Hun; HAN NURI PATENT & LAW  
OFFICE, Suite 303, Back-Ak Bldg. 828-53, Yoksam-dong,  
Kangnam-ku, 135-080 Seoul (KR).
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(54) Title: LUMINESCENT SPIRO-DIMER AND ORGANIC LIGHT-EMITTING DEVICE COMPRISING THE SAME



(57) Abstract: A luminescent spiro-dimer which has a superior heat-resistance and is capable of emitting high quality blue light, and an organic light-emitting device including the same are disclosed. The luminescent spiro-dimer has the structure of the following chemical formula, and the organic light-emitting device includes the first electrode having a high work function; the second electrode having a low work function; and at least one organic layer formed between the first electrode and the second electrode, which includes the spiro-dimer, wherein, K is a linking group, and R is H, halogen, CN, CO<sub>2</sub>R\*, OR\*, NR<sub>2</sub>, SR\*, alkyl, aryl, heteroaryl, heterocyclic or fused ring group, and R\* is H, halogen, alkyl, alkenyl, aryl, heteroaryl, or heterocyclic group.